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## PREFACE

Recent events in the Middle East have drawn the world's attention once again to the possibility of chemical and biological agents being used to wage war. To assist researchers in a better understanding of this type of warfare, the US Army War College Library presents Chemical and Biological Warfare: A Selected Bibliography.

In general, the books, documents, and videos, all of which are readily available in the USAWC Library, were published since 1980; whereas the articles were selected from periodicals published after 1985. For your convenience, we have added USAWC library call numbers at the end of each entry.

You are encouraged to take advantage of some of the other bibliographies, cited on page 28, especially our Chemical Warfare (July 1985) and Biological Warfare (February 1987).

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# CHEMICAL AND BIOLOGICAL WARFARE

## A Selected Bibliography

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## OVERVIEW

### Chemical and Biological Warfare

- Barnaby, Frank, ed. FUTURE WAR: ARMED CONFLICT IN THE NEXT DECADE. London: Joseph, 1984. Chap. 9: "Chemical and Biological Warfare." (U21.2 F88)
- Beckett, Brian. WEAPONS OF TOMORROW. New York: Plenum Press, 1983. Chaps. 8-11. (UF500 B43 1983)
- Douglass, Joseph D., Jr. "The Challenges of Biochemical Warfare." GLOBAL AFFAIRS, Vol. 3, Winter 1988, pp. 156-169. (Periodical)
- Gander, T.J. NUCLEAR, BIOLOGICAL & CHEMICAL WARFARE. New York: Hippocrene, 1987. (U263 G35 1987)
- Murphy, Sean; Hay, Alastair; and Rose, Steven. NO FIRE, NO THUNDER: THE THREAT OF CHEMICAL AND BIOLOGICAL WEAPONS. New York: Monthly Review Press, 1984. (UG447 M86 1984)
- US Congress. House. Committee on Foreign Affairs. Subcommittee on International Security and Scientific Affairs, and the Subcommittee on Asian and Pacific Affairs. STRATEGIC IMPLICATIONS OF CHEMICAL AND BIOLOGICAL WARFARE. Hearing, 96th Cong., 2d sess. Washington: Government Printing Office, 1980. (CIS Microfiche 1980 H381-57)

### Chemical Warfare

- Association of the United States Army. CHEMICAL WARFARE--A REAL AND GROWING THREAT. Special Report. Arlington: 1989. (UA23 A95C45 1989)
- Blewett, William K. "Tactical Weapons: Is Mustard Still King?" NUCLEAR, BIOLOGICAL, AND CHEMICAL DEFENSE AND TECHNOLOGY INTERNATIONAL, Vol. 1, June 1986, pp. 64-66. (Periodical)
- "Chemical Warfare." Cover Story. WORLD PRESS REVIEW, Vol. 36, March 1989, pp. 11-21. (Periodical)
- "A Chemical Warfare Glossary." ARMY, Vol. 37, August 1987, pp. 34-35. (Periodical)
- Ciegler, Alex. "Mycotoxins: A New Class of Chemical Weapons." NUCLEAR, BIOLOGICAL, AND CHEMICAL DEFENSE AND TECHNOLOGY INTERNATIONAL, Vol. 1, April 1986, pp. 52-57. (Periodical)
- "A Forum Debate." TECHNOLOGY REVIEW, Vol. 88, November-December 1985, pp. 18-20, 25. (Periodical)
- Pp. 18, 20: "The Case against New Chemical Weapons," by Robert J. Rutman.
- Pp. 19, 25: "The Case for Modernizing Our Chemical Weapons," by John W. Warner.

- Gotting, Jeff. "Chemical Warfare." ARMED FORCES, Vol. 5, April 1986, pp. 160-163. (Periodical)
- McElroy, Rodney J. BRIEFING BOOK ON CHEMICAL WEAPONS. Boston: Council for a Livable World Education Fund, October 1989. (UG447 M455 1989)
- Medema, Jan. "Mustard Gas: The Science of H." NUCLEAR, BIOLOGICAL, AND CHEMICAL DEFENSE AND TECHNOLOGY INTERNATIONAL, Vol. 1, September 1986, pp. 66-71. (Periodical)
- Montgomery, Raymound H., II, and Demora, Stephen J., Jr. "Reinforcement in a Chemical Environment." ARMY LOGISTICIAN, November-December 1989, pp. 25-29. (Periodical)
- O'Malley, T.J. "Chemical Warfare Today." ARMAD. INTERNATIONAL, Vol. 14, December 1990-January 1991, pp. 20-27. (Periodical)
- Ooms, A. Jack. "Chemical Weapons: Is Revulsion a Safeguard?" ATLANTIC COMMUNITY QUARTERLY, Vol. 24, Summer 1986, pp. 157-166. (Periodical)
- Read, Richard D. LOW-INTENSITY CONFLICT: A CHEMICAL CORPS ROLE? Study Project. Carlisle Barracks: US Army War College, 20 March 1989. (AD-A209-780)
- Salerno, Steve. "Chemical Warfare: America's Achilles' Heel." AMERICAN LEGION, Vol. 122, March 1987, pp. 24-25, 55. (Periodical)
- Spiers, Edward M. CHEMICAL WARFARE. Urbana: University of Illinois Press, 1986. (UG447 S694 1986)
- Spiers, Edward M. CHEMICAL WEAPONRY: A CONTINUING CHALLENGE. New York: St. Martin's Press, 1989. (UG447 S644 1989)
- US Chemical Warfare Review Commission. REPORT. Walter J. Stoessel, Jr., Chairman. Washington: US Government Printing Office, June 1985. (UG447 U421)
- US General Accounting Office. CHEMICAL WARFARE: MANY UNANSWERED QUESTIONS: REPORT TO THE COMMITTEE ON FOREIGN AFFAIRS, HOUSE OF REPRESENTATIVES, BY THE COMPTROLLER GENERAL. Washington: 29 April 1983. (UG447 U639)
- Zanders, Jean P. "Chemical Weapons: Beyond Emotional Concerns." BULLETIN OF PEACE PROPOSALS, Vol. 21, March 1990, pp. 87-98. (Periodical)

### Biological Warfare

- Finder, Joseph. "Biological Warfare, Genetic Engineering, and the Treaty That Failed." WASHINGTON QUARTERLY, Vol. 9, Spring 1986, pp. 5-14. (Periodical)

- Geissler, Erhard, ed. BIOLOGICAL AND TOXIN WEAPONS TODAY. New York: Oxford University Press, 1986. (UG447.8 B56 1986)
- Hendricks, Melissa. "Germ Wars." SCIENCE NEWS, Vol. 134, 17 December 1988, pp. 392-395. (Periodical)
- Levinson, Macha. "Custom-Made Biological Weapons." INTERNATIONAL DEFENSE REVIEW, Vol. 19, No. 11, 1986, pp. 1611-1615. (Periodical)
- McDermott, Jeanne. THE KILLING WINDS: THE MENACE OF BIOLOGICAL WARFARE. New York: Arbor House, 1987. (UG447.8 M34 1987)
- Piller, Charles, and Yamamoto, Keith R. GENE WARS: MILITARY CONTROL OVER THE NEW GENETIC TECHNOLOGIES. New York: Beech Tree Books, 1988. (UG447.8 P54 1988)
- Shulman, Seth. "Biological Research and Military Funding." TECHNOLOGY REVIEW, Vol. 90, April 1987, pp. 13-14. (Periodical)
- Tucker, Jonathan B. "Gene Wars." FOREIGN POLICY, No. 57, Winter 1984-1985, pp. 58-79. (Periodical)
- US Department of Defense. Assistant Secretary of Defense, Atomic Energy. DEPARTMENT OF DEFENSE BIOLOGICAL DEFENSE PROGRAM: REPORT TO THE COMMITTEE ON APPROPRIATIONS, HOUSE OF REPRESENTATIVES. Washington: May 1986. (UA23.3 D43)
- Yamamoto, Keith R. "Retargeting Research on Biological Weapons." TECHNOLOGY REVIEW, Vol. 92, August-September 1989, pp. 23-24. (Periodical)

#### CHEMICAL AND BIOLOGICAL ARMS CONTROL AND DISARMAMENT

- Adams, Valerie. CHEMICAL WARFARE, CHEMICAL DISARMAMENT. Bloomington: Indiana University Press, 1990. (UG447 A33 1990)
- American Association for the Advancement of Science. Program on Science, Arms Control, and National Security. IMPLEMENTING A GLOBAL CHEMICAL WEAPONS CONVENTION: PROCEEDINGS FROM A 1989 ANNUAL MEETING SYMPOSIUM, JANUARY 16, 1989, SAN FRANCISCO, CALIFORNIA, ed. by Eric H. Arnett. Washington: 1989. (UG447 A547 1989)
- "Arms Control/Chemical Weapons." CURRENT NEWS: SPECIAL EDITION, No. 1886, February 1991, entire issue. (Periodical)
- Bartholomew, Reginald. "U.S. Efforts against the Spread of Chemical Weapons." DEPARTMENT OF STATE BULLETIN, Vol. 89, September 1989, pp. 74-77. (Periodical)
- Beardsley, Timothy M. "Clearing the Air: Chemical Weapons Can Be Banned, Given the Political Will." SCIENTIFIC AMERICAN, Vol. 260, March 1989, pp. 17-18. (Periodical)

- Boyle, Dan. "An End to Chemical Weapons: What Are the Chances?"  
INTERNATIONAL DEFENSE REVIEW, Vol. 21, September 1988, pp.  
1087-1089. (Periodical)
- Budensiek, Mark D. "A New Chemical Weapons Convention: Can It  
Assure the End of Chemical Weapon Proliferation?" NAVAL LAW  
REVIEW, Vol. 39, 1990, pp. 15-42. (Periodical)
- Bull, Hedley. HEDLEY BULL ON ARMS CONTROL. New York: St.  
Martin's Press, 1987. Pp. 249-263: "Chemical and Biological  
Weapons: The Prospects for Arms Control." (JX1974 B732 1987)
- Busbee, Walter L.; Jackson, Louis M.; and Smith, Richard W.  
INTERNATIONAL AND STRATEGIC IMPLICATIONS OF A UNITED STATES  
UNILATERAL DECISION FOR CHEMICAL DISARMAMENT. Study Project.  
Carlisle Barracks: US Army War College, 29 May 1985. (AD-  
A158-753)
- Bush, George. "Bush Says of Chemical Arms: 'Rid Earth of This  
Scourge'." CONGRESSIONAL QUARTERLY WEEKLY REPORT, Vol. 47, 30  
September 1989, pp. 2584-2586. (Periodical)
- Carnesale, Albert, and Haass, Richard N., eds. SUPERPOWER ARMS  
CONTROL: SETTING THE RECORD STRAIGHT. Cambridge: Ballinger,  
1987. Pp. 191-219: "The Biological and Toxin Weapons Conven-  
tion." (JX1974.7 S96 1987)
- "Chemical Arms Control after the Paris Conference: A Panel  
Discussion." ARMS CONTROL TODAY, Vol. 19, January-February  
1989, pp. 3-6. (Periodical)
- Clarke, Richard A. "Conference against Chemical Weapons."  
DEPARTMENT OF STATE BULLETIN, Vol. 89, November 1989, pp. 45-  
47. (Periodical)
- Cohen, Raymond, and Ranger, Robin. "Enforcing Chemical Weapons  
Ban." INTERNATIONAL PERSPECTIVES, Vol. 18, July-August 1989,  
pp. 9-12. (Periodical)
- "Conference on Disarmament Urged to Speed Work on Chemical Weap-  
ons Ban." UN CHRONICLE, Vol. 27, June 1990, pp. 30-31.  
(Periodical)
- "Conference on the Prohibition of Chemical Weapons: Final  
Declaration." NATO REVIEW, Vol. 37, April 1989, pp. 32-33.  
(Periodical)
- Congressional Quarterly, Inc. OBSTACLES TO BIO-CHEMICAL DISARMA-  
MENT, by Patrick G. Marshall. Editorial Research Reports, Vol.  
1, No. 24. Washington: 29 June 1990. (H35 E3 1990 v.1 no.24)
- Devine, Timothy. "The US Decision to Produce Chemical Weapons."  
FLETCHER FORUM OF WORLD AFFAIRS, Vol. 14, Summer 1990, pp. 372-  
393. (Periodical)



- "Documentation: Agreement between the United States of America and the Union of Soviet Socialist Republics on Destruction and Non-Production of Chemical Weapons and on Measures to Facilitate the Multilateral Convention on Banning Chemical Weapons." BULLETIN OF PEACE PROPOSALS, Vol. 21, December 1990, pp. 363-369." (Periodical)
- "Documentation: Chemical Weapons." SURVIVAL, Vol. 28, September-October 1986, pp. 463-472. (Periodical)
- Doesburg, John C. NATIONAL SECURITY VS. INDUSTRIAL SECURITY: THE IMPACT OF INTERNATIONAL ARMS CONTROL ON THE AMERICAN CHEMICAL INDUSTRY. Thesis. Fort Leavenworth: US Army Command and General Staff College, 1985. (U415 A4 TH D52)
- Dumas, Roland. "Paris Conference Boosts Prospects of Chemical Arms Ban." NATO REVIEW, Vol. 37, April 1989, pp. 1-3. (Periodical)
- Dunn, Lewis A. "Chemical Weapons Arms Control: Hard Choices for the Bush Administration." SURVIVAL, Vol. 31, May-June 1989, pp. 209-224. (Periodical)
- Durel, F.M. THE BANNING OF CHEMICAL WEAPONS: TANTALUS RE-VISITED. Student Project. Carlisle Barracks: US Army War College, April 1983. (AD-A127-792)
- Elbe, Frank. "Banning Chemical Weapons." INTERNATIONAL PERSPECTIVES, January-February 1985, pp. 16-18. (Periodical)
- "Fact Sheet: Curbing the Spread of Weapons of Mass Destruction." US DEPARTMENT OF STATE DISPATCH, Vol. 2, 11 March 1991, pp. 178-179. (Periodical)
- Feith, Douglas J. "Separating Realism from Rhetoric in Chemical Warfare Negotiations." DEFENSE, October 1985, pp. 8-14. (Periodical)
- Flowerree, Charles C. "Elimination of Chemical Weapons: Is Agreement in Sight?" ARMS CONTROL TODAY, Vol. 18, April 1988, pp. 7-10. (Periodical)
- Goldblat, Jozef. "Chemical Weapons Verification." BULLETIN OF THE ATOMIC SCIENTISTS, Vol. 41, May 1985, p. 19. (Periodical)
- Goldblat, Jozef, and Bernauer, Thomas. "The US-Soviet Chemical Weapons Agreement of June 1990: Its Advantages and Shortcomings." BULLETIN OF PEACE PROPOSALS, Vol. 21, December 1990, pp. 355-362. (Periodical)
- "Government-Industry Conference against Chemical Weapons: Summary Statement by the Chairman, Canberra, 22 September 1989." DISARMAMENT, Vol. 13, No. 1, 1990, pp. 187-193. (Periodical)
- Gross, Richard C. "Chemical Weapons." DEFENSE SCIENCE, Vol. 7, April 1988, pp. 11-13. (Periodical)

- Haar, Barend T.; Boter, Henk; and Verweij, Albert. "Verification of Non-Production of Chemical Weapons--An Adequate System Is Feasible." NATO'S SIXTEEN NATIONS, Vol. 32, August 1987, pp. 46-51. (Periodical)
- Hamm, Manfred R. "Biochemical Warfare: Deterrence vs. Arms Control." CONTEMPORARY REVIEW, Vol. 246, March 1985, pp. 127-134. (Periodical)
- Harris, Elisa D. "Stemming the Spread of Chemical Weapons." BROOKINGS REVIEW, Vol. 8, Winter 1989-1990, pp. 39-45. (Periodical)
- Herby, Peter. THE UNITED NATIONS AND MULTILATERAL DISARMAMENT: THE CONFERENCE ON DISARMAMENT IN GENEVA. UFSI Reports 1987 No. 25. Indianapolis: Universities Field Staff International, 1987. (D16.25 A62 1987 no.25)
- Holmes, H. Allen. "Biological Weapons Proliferation." DEPARTMENT OF STATE BULLETIN, Vol. 89, July 1989, pp. 43-45. (Periodical)
- Holmes, H. Allen. "Foreign Policy Implications of Biological Weapons." DEPARTMENT OF STATE BULLETIN, Vol. 89, October 1989, pp. 22-24. (Periodical)
- Howe, Josephine O., ed. ARMED PEACE: THE SEARCH FOR WORLD SECURITY. New York: St. Martin's Press, 1984. Pp. 49-68: "Approaches to Chemical Arms Control," by J.P. Perry Robinson. (JX1974 A733 1984)
- "Joint United States-Soviet Statement on Chemical Weapons, Jackson Hole, 23 September 1989." DISARMAMENT, Vol. 13, No. 1, 1990, pp. 194-195. (Periodical)
- Jones, David T. "Eliminating Chemical Weapons: Less Than Meets the Eye." WASHINGTON QUARTERLY, Vol. 12, Spring 1989, pp. 83-92. (Periodical)
- Knoepfle, M. Glenn. CHEMICAL ARMS REDUCTION AND NATIONAL SECURITY. Study Project. Carlisle Barracks: US Army War College, 25 March 1991. (AD-A233-681)
- Lord, Carnes. "Rethinking On-Site Inspection in U.S. Arms Control Policy." STRATEGIC REVIEW, Vol. 13, Spring 1985, pp. 45-51. (Periodical)
- Lowitz, Donald S. "Banning Chemical Weapons: A Report from Geneva." NATO REVIEW, Vol. 34, October 1986, pp. 18-24. (Periodical)
- McFadden, Eric J. "The Second Review Conference of the Biological Weapons Convention: One Step Forward, Many More to Go." STANFORD JOURNAL OF INTERNATIONAL LAW, Vol. 24, Fall 1987, pp. 85-109. (Periodical)

Miettinen, Jorma K. "Air Monitoring as a Means for Verification of Chemical Disarmament." DISARMAMENT, Vol. 11, Summer 1988, pp. 68-75. (Periodical)

Petrov, Boris. "A Realistic Way towards Liquidation of Nuclear Weapons." INTERNATIONAL AFFAIRS (MOSCOW), No. 10, October 1986, pp. 32-38. (Periodical)

Pikalov, Vladimir. "Soviet Viewpoint: Banning Chemical Weapons." DEFENSE SCIENCE, Vol. 7, April 1988, pp. 6-10. (Periodical)

Potter, William C., ed. VERIFICATION AND ARMS CONTROL. Lexington, MA: Lexington Books, 1985. Pp. 125-133: "Verification of Compliance in the Areas of Biological and Chemical Warfare," by F.R. Cleminson. (UA12.5 V46 1985)

"Prohibition of Chemical Weapons Conference Held in Paris." DEPARTMENT OF STATE BULLETIN, Vol. 89, March 1989, pp. 4-10. (Periodical)

Qichen, Qian. "China Urges Total Ban on Chemical Weapons." BEIJING REVIEW, Vol. 32, 23 January 1989, pp. 14-15. (Periodical)

Rand Corporation. DOMESTIC IMPLEMENTATION OF A CHEMICAL WEAPONS TREATY, by J. Aroesty, K.A. Wolf, and E.C. River. Report R-3745-ACQ. Santa Monica: October 1989. (JX1974.5 A75 1989)

Raymore, Peter K. CHEMICAL WEAPONS TREATY: PERSPECTIVES AND PROSPECTS. Research Report. Maxwell Air Force Base: US Air University, Air War College, May 1988. (UG635.3 U5 RR-88-R39)

"Review Conference Held on Biological and Toxin Weapons Convention." DEPARTMENT OF STATE BULLETIN, Vol. 86, December 1986, pp. 40-47. (Periodical)

Robinson, J.P. Perry. "Disarmament and Other Options for Western Policy-Making on Chemical Warfare." INTERNATIONAL AFFAIRS (LONDON), Vol. 63, Winter 1986-1987, pp. 65-80. (Periodical)

Rosenberg, Barbara H. "Updating the Biological Weapons Ban." BULLETIN OF THE ATOMIC SCIENTISTS, Vol. 43, January-February 1987, pp. 40-43. (Periodical)

Science Applications International Corporation. CONSTITUTIONAL IMPLICATIONS OF IMPLEMENTING A CHEMICAL WEAPONS CONVENTION, by Burrus Carnahan. McLean: 1990. (UG447.65 C2 1990)

Shevchenko, Aleksandr. "Ban Binary Weapons!" SOVIET MILITARY REVIEW, No. 7, July 1986, pp. 50-51. (Periodical)

Sims, Nicholas R.A. THE DIPLOMACY OF BIOLOGICAL DISARMAMENT: VICISSITUDES OF A TREATY IN FORCE, 1975-85. New York: St. Martin's Press, 1988. (JX5133 C5S56 1988)

- Solesby, Tessa. "A Chemical Weapons Convention: NATO's High Priority." NATO REVIEW, Vol. 36, December 1988, pp. 7-11. (Periodical)
- "Special Section: CBW Arms Control." ARMS CONTROL TODAY, Vol. 16, September 1986, pp. 8-22, 31-36. (Periodical)
- Spiers, Edward M. "The Geneva Protocol: Tested and Found Wanting." JOURNAL OF STRATEGIC STUDIES, Vol. 8, September 1985, pp. 327-338. (Periodical)
- "Statute on the Export of Chemicals Which Have a Peaceful Purpose, But Can Be Used to Produce Chemical Weapons." INTERNATIONAL AFFAIRS (MOSCOW), No. 4, 1986, pp. 151-152. (Periodical)
- Stockholm International Peace Research Institute. CHEMICAL WEAPON FREE ZONES? Ed. by Ralf Trapp. SIPRI Chemical & Biological Warfare Studies No. 7. New York: Oxford University Press, 1987. (JX5133 C5C44 1987)
- Stockholm International Peace Research Institute. NATIONAL IMPLEMENTATION OF THE FUTURE CHEMICAL WEAPONS CONVENTION, ed. by Thomas Stock and Ronald Sutherland. SIPRI Chemical & Biological Warfare Studies No. 11. New York: Oxford University Press, 1990. (JX5133 C5N38 1990)
- Stockholm International Peace Research Institute. THE PROBLEM OF CHEMICAL AND BIOLOGICAL WARFARE: A STUDY OF THE HISTORICAL, TECHNICAL, MILITARY, LEGAL AND POLITICAL ASPECTS OF CBW, AND POSSIBLE DISARMAMENT MEASURES. Vol. 4: CB DISARMAMENT NEGOTIATIONS, 1920-1970. New York: Humanities Press, 1971. (UG447 S75 v.4)
- Stockholm International Peace Research Institute. STRENGTHENING THE BIOLOGICAL WEAPONS CONVENTION BY CONFIDENCE-BUILDING MEASURES, ed. by Erhard Geissler. SIPRI Chemical & Biological Warfare Studies No. 10. New York: Oxford University Press, 1990. (JX5133 C5S76 1990)
- Stockholm International Peace Research Institute. WORLD ARMAMENTS AND DISARMAMENT. SIPRI Yearbook 1990. New York: Oxford University Press, 1990. (REF JX1974 S775 1990)
- Pp. 107-133: "Chemical and Biological Warfare: Developments in 1989," by S.J. Lundin.
- Pp. 134-138: "Appendix 4A: Statements of Possession or Non-possession of Chemical Weapons," by Thomas Stock.
- Pp. 139-140: "Appendix 4B: Export Warning List."
- Storella, Mark C. POISONING ARMS CONTROL: THE SOVIET UNION AND CHEMICAL/BIOLOGICAL WEAPONS. Special Report. Cambridge: Institute for Foreign Policy Analysis, June 1984. (UG447 S76 1984)
- Turbanski, Stanislaw. "Chemical Weapons." DISARMAMENT, Vol. 10, Summer 1987, pp. 57-62. (Periodical)

"United Nations Forum on Chemical Weapons, Geneva, 11-12 February 1988." DISARMAMENT, Vol. 11, Summer 1988, pp. 83-110.  
(Periodical)

US Arms Control and Disarmament Agency. ARMS CONTROL AND DISARMAMENT AGREEMENTS: TEXTS AND HISTORIES OF NEGOTIATIONS. Washington: 1982. Pp. 9-18: "Geneva Protocol." (JX1974 A7345 1982)

US Arms Control and Disarmament Agency. DOCUMENTS ON DISARMAMENT, 1945-1985. 28 vols. Washington: Government Printing Office, 1960-1990. Use index in each volume to find documents related to chemical and biological warfare. (JX1974 U654 1945/59 thru 1985)

US Congress. House. Committee on Armed Services. FULL COMMITTEE BRIEFING ON THE RECENTLY PROPOSED CHEMICAL ARMS TREATY. Hearing, 98th Cong., 2d sess. Washington: Government Printing Office, 1984. (CIS Microfiche 1984 H201-27)

US Congress. House. Committee on Foreign Affairs. Subcommittee on International Security and Scientific Affairs, and the Subcommittee on Asian and Pacific Affairs. FOREIGN POLICY AND ARMS CONTROL IMPLICATIONS OF CHEMICAL WEAPONS. Hearings, 97th Cong., 2d sess. Washington: Government Printing Office, 1982. (CIS Microfiche 1983 H381-1)

US Congress. Senate. Committee on Foreign Relations. CHEMICAL AND BIOLOGICAL WEAPONS CONTROL ACT OF 1989. 101st Cong., 1st sess. Washington: Government Printing Office, 1989. (CIS Microfiche 1989 S383-4)

US Congress. Senate. Committee on Foreign Relations, and the Committee on Governmental Affairs. CHEMICAL WARFARE: ARMS CONTROL AND NONPROLIFERATION. Joint Hearing, 98th Cong., 2d sess. Washington: Government Printing Office, 1984. (UG447 F57 1984)

US Congress. Senate. Committee on the Judiciary. BIOLOGICAL WEAPONS ANTI-TERRORISM ACT OF 1989. 101st Cong., 1st sess. Washington: Government Printing Office, 1989. (CIS Microfiche 1989 S523-12)

US Department of State. Bureau of Public Affairs. U.S. EFFORTS AGAINST THE SPREAD OF CHEMICAL WEAPONS, by Reginald Bartholomew. Current Policy No. 1188. Washington: 22 June 1989. (JX1705 A2 CP no.1188)

US Treaties, etc. UNITED STATES TREATIES AND OTHER INTERNATIONAL AGREEMENTS. Vol. 26, pt. 1, 1975. Washington: Government Printing Office, 1976. (JX1405 A51 1975 pt.1)

Pp. 571-582: "Multilateral. Prohibition of the Use in War of Asphyxiating, Poisonous or Other Gases, and of Bacteriological Methods of Warfare."

Pp. 583-665: "Multilateral. Bacteriological (Biological) and Toxin Weapons."

USSR Academy of Sciences. Institute of World Economy and International Relations. DISARMAMENT AND SECURITY, 1987 YEARBOOK. Boulder: Westview Press, 1988. Part 4: "Prohibition of Chemical and Bacteriological Weapons." (JX1974 D51 1987)

Vraalsen, Tom. "Non-Proliferation of Nuclear, Chemical and Other Weapons." DISARMAMENT, Vol. 12, Autumn 1989, pp. 3-15. (Periodical)

Weekly, Terry M. THE PROLIFERATION OF CHEMICAL WEAPONS: PUTTING THE GENIE BACK IN THE BOTTLE. Study Project. Carlisle Barracks: US Army War College, 24 February 1989. (AD-A207-339)

Westing, Arthur H. "Ban Chemical Weapons in Europe." BULLETIN OF THE ATOMIC SCIENTISTS, Vol. 41, May 1985, pp. 17-19. (Periodical)

Westing, Arthur H. "Towards Eliminating the Scourge of Chemical War: Reflections on the Occasion of the Sixtieth Anniversary of the Geneva Protocol." BULLETIN OF PEACE PROPOSALS, Vol. 16, No. 2, 1985, pp. 117-120. (Periodical)

"The 'Winds of Death': Eliminating Poison Gas Could Be Harder Than Controlling Nuclear Weapons." NEWSWEEK, Vol. 113, 16 January 1989, pp. 22-25. (Periodical)

Wright, Susan, ed. PREVENTING A BIOLOGICAL ARMS RACE. Cambridge: M.I.T. Press, 1990. (JX5133 C5P74 1990)

Yevgeniev, G. "Forestalling the Chemical Weapons Race--The Task of the Day." INTERNATIONAL AFFAIRS (MOSCOW), No. 2, 1986, pp. 72-79. (Periodical)

#### CHEMICAL AND BIOLOGICAL WARFARE THREAT

Abramowitz, Jeff. "CW Changes the Rules of Middle East War." JANE'S DEFENCE WEEKLY, Vol. 8, 7 November 1987, pp. 1963-1069. (Periodical)

American Association for the Advancement of Science. Program on Science and International Security. CHEMICAL WEAPONS AND SECURITY IN THE MIDDLE EAST: PROCEEDINGS FROM A AAAS CONGRESSIONAL BRIEFING, SEPTEMBER 11, 1990, WASHINGTON, DC, ed. by Eric H. Arnett. Washington: 1990. (UG447 C53 1990)

American Association for the Advancement of Science. Program on Science and International Security. THE PROLIFERATION OF BALLISTIC MISSILES: POLICY OPTIONS FOR THE FUTURE: PROCEEDINGS FROM A AAAS ANNUAL MEETING SYMPOSIUM, FEBRUARY 19, 1990, NEW ORLEANS, LOUISIANA, ed. by Eric H. Arnett. Washington: 1990. Pp. 7-17: "Missiles and CBW Proliferation: The Middle East," by Shai Feldman. (JX1974.7 A52 1990)

Appel, John G. "The Risk Factor in Shaping U.S. Defense Policy." ARMY, Vol. 35, September 1985, pp. 44-49. (Periodical)

Aspen Strategy Group. NEW THREATS: RESPONDING TO THE PROLIFERATION OF NUCLEAR, CHEMICAL, AND DELIVERY CAPABILITIES IN THE THIRD WORLD. Lanham: University Press of American, 1990. (JX1974.73 N48 1990)

Barnaby, Frank. WEAPONS OF MASS DESTRUCTION: A GROWING THREAT IN THE 1990S? Conflict Studies No. 235. London: Research Institute for the Study of Conflict and Terrorism, 1990. (D1 C6 no.235)

Bremer, L. Paul, III. "High Technology Terrorism." DEPARTMENT OF STATE BULLETIN, Vol. 88, July 1988, pp. 65-67. (Periodical)

Conant, Carleton A. "Libya's CW Gamble." DEFENSE & FOREIGN AFFAIRS, Vol. 17, January 1989, pp. 30-32. (Periodical)

DeSchazer, MacArthur, Sr. CHEMICAL WEAPONS PROLIFERATION IN THE MIDDLE EAST: WHAT IS THE PROPER RESPONSE? Study Project. Carlisle Barracks: US Army War College, 9 April 1990. (AD-A223-215)

Douglass, Joseph D., Jr. "BioChem Warfare: New Dimensions and Implications." DEFENSE & FOREIGN AFFAIRS, Vol. 15, April 1987, pp. 41-45. (Periodical)

Douglass, Joseph D., Jr. "The Expanding Threat of Chemical-Biological Warfare: A Case of U.S. Tunnel-Vision." STRATEGIC REVIEW, Vol. 14, Fall 1986, pp. 37-46. (Periodical)

Douglass, Joseph D., Jr. "Soviets Surge in Biochemical Warfare; West Remains Drugged with Apathy." ARMED FORCES JOURNAL INTERNATIONAL, Vol. 126, August 1988, pp. 54-58. (Periodical)

Douglass, Joseph D., Jr., and Livingstone, Neil C. AMERICA THE VULNERABLE: THE THREAT OF CHEMICAL AND BIOLOGICAL WARFARE. Lexington: Lexington Books, 1987. (UG447 D68 1987)

Gander, Terry J. "Iraq--Chemical Warfare Potential." JANE'S SOVIET INTELLIGENCE REVIEW, Vol. 2, October 1990, p. 441. (Periodical)

Harrison, David G., and Roberts, Jan R. UNITED STATES NATIONAL STRATEGY AND DEFENSE POLICY OBJECTIVES AFTER CHEMICAL DISARMAMENT. Study Project. Carlisle Barracks: US Army War College, 19 March 1989. Chap. 2: "The Chemical/Biological (CB) Threat." (AD-A209-215)

Haselkorn, Avigdor. "Arab-Israeli Conflict: Implications of Mass Destruction Weapons." GLOBAL AFFAIRS, Vol. 3, Winter 1988, pp. 120-137. (Periodical)

Hemsley, John. "The Soviet Bio-Chemical Threat: The Real Issue." RUSI JOURNAL, Vol. 133, Spring 1988, pp. 15-22. (Periodical)

- Hemsley, John. THE SOVIET BIOCHEMICAL THREAT TO NATO. New York: St. Martin's Press, 1987. (UG447 H395 1987)
- Institute for Defense Analyses. IMPLICATIONS OF PRESENT KNOWLEDGE AND PAST EXPERIENCE FOR A POSSIBLE FUTURE CHEMICAL/CONVENTIONAL CONFLICT, by Gay M. Hammerman. IDA Paper P-1819. Alexandria: January 1985. (UA23 In8 P-1819)
- Joyner, Christopher C. "The Rabta Chemical Factory Fire: Rethinking the Lawfulness of Anticipatory Self-Defense." TERRORISM, Vol. 13, March-April 1990, pp. 79-87. (Periodical)
- Kitfield, James. "The Perils of Proliferation." GOVERNMENT EXECUTIVE, Vol. 22, October 1990, pp. 34-35, 42-45. (Periodical)
- Landersman, S.D. "Will Hussein Use Gas?" PROCEEDINGS: U.S. NAVAL INSTITUTE, Vol. 117, February 1991, pp. 84-87. (Periodical)
- LeChene, Evelyn. CHEMICAL AND BIOLOGICAL WARFARE--THREAT OF THE FUTURE. Toronto: Mackenzie Institute for the Study of Terrorism, Revolution and Propaganda, 1989. (UG447 L32 1989)
- Ledeer, Michael. "The Curious Case of Chemical Warfare." COMMENTARY, Vol. 88, July 1989, pp. 37-41. (Periodical)
- Livingstone, Neil C., and Douglass, Joseph D., Jr. CBW: THE POOR MAN'S ATOMIC BOMB. National Security Paper No. 1. Cambridge: Institute for Foreign Policy Analysis, February 1984. (UG447 L534 1984)
- McGeorge, Harvey J. "Bugs, Gas and Missiles." DEFENSE & FOREIGN AFFAIRS, Vol. 17, May-June 1990, pp. 14-19. (Periodical)
- McGeorge, Harvey J. "Chemical Addiction." DEFENSE & FOREIGN AFFAIRS, Vol. 17, April 1989, pp. 16-19, 32-33. (Periodical)
- McGeorge, Harvey J. "Reversing the Trend on Terror." DEFENSE & FOREIGN AFFAIRS, Vol. 16, April 1988, pp. 16-22. (Periodical)
- "Nasty, Cheap and Hard to Stop." ECONOMIST, Vol. 302, 10 January 1987, p. 32. (Periodical)
- National Defense University. ESSAYS ON STRATEGY VII, ed. by Thomas C. Gill. Washington: National Defense University Press, 1990. Pp. 3-40: "Hard Choices about Chemical Weapons," by Stephen Rose. (U162 E87 1990)
- Nash, Colleen A. "Chemwar in the Third World." AIR FORCE, Vol. 73, January 1990, pp. 80-83. (Periodical)
- Rand Corporation. TERRORISTS AND THE POTENTIAL USE OF BIOLOGICAL WEAPONS: A DISCUSSION OF POSSIBILITIES, by Jeffrey D. Simon. Report R-3771-AFMIC. Santa Monica: December 1989. (HV6431 S526 1989)



- Rathmell, Andrew. "Chemical Weapons in the Middle East: Syria, Iraq, Iran, and Libya." MARINE CORPS GAZETTE, Vol. 74, July 1990, pp. 58-67. (Periodical)
- "Return of the Silent Killer: Iraq's Triumph over Iran Breaks Taboo against Using Those Hellish Poisons." TIME, Vol. 132, 22 August 1988, pp. 46-49. (Periodical)
- Roberts, Brad. "Chemical Proliferation and Policy." WASHINGTON QUARTERLY, Vol. 8, Winter 1985, pp. 155-165. (Periodical)
- Root-Bernstein, Robert S. "Biology: Infectious Terrorism." ATLANTIC, Vol. 267, May 1991, pp. 44-50. (Periodical)
- Rose, Stephen. "The Coming Explosion of Silent Weapons." NAVAL WAR COLLEGE REVIEW, Vol. 42, Summer 1989, pp. 6-29. (Periodical)
- RUSI AND BRASSEY'S DEFENCE YEARBOOK, 1989. Washington: 1989. Pp. 67-88: "Chemical Weapons Proliferation in the Developing World," by Elisa D. Harris. (U10 R9 1989)
- Schumeyer, Gerard. CHEMICAL WEAPONS PROLIFERATION IN THE MIDDLE EAST. Study Project. Carlisle Barracks: US Army War College, 1 April 1990. (AD-A222-311)
- Segal, David. "The Soviet Union's Mighty Chemical Warfare Machine." ARMY, Vol. 37, August 1987, pp. 26-38. (Periodical)
- Siebert, George W., and Choi, Yearn H. "Chemical Weapons: Dull Swords in the US Armory." MILITARY REVIEW, Vol. 65, March 1985, pp. 23-29. (Periodical)
- Tesko, Steven R. "Chemical Warfare Treaty/Chemical Warfare Threats: It's Not Just the Soviets Anymore." NATIONAL DEFENSE, Vol. 74, April 1989, pp. 31-33. (Periodical)
- US Congress. House. Committee on Foreign Affairs. NATIONAL EMERGENCY WITH RESPECT TO CHEMICAL AND BIOLOGICAL WEAPONS. Communication from the President, 102d Cong., 1st sess. Washington: Government Printing Office, 3 January 1991. (CIS Microfiche 1991 H380-3)
- US Congress. House. Committee on Foreign Affairs. Subcommittee on Arms Control, International Security, and Science, and the Subcommittee on International Economic Policy and Trade. CHEMICAL WEAPONS PROLIFERATION. Hearing, 101st Cong., 1st sess. Washington: Government Printing Office, 1989. (CIS Microfiche 1990 H381-66)
- US Congress. House. Committee on Foreign Affairs. Subcommittee on International Security and Scientific Affairs. BINARY WEAPONS: IMPLICATIONS OF THE U.S. CHEMICAL STOCKPILE MODERNIZATION PROGRAM FOR CHEMICAL WEAPONS PROLIFERATION. 96th Cong., 2d sess. Washington: Government Printing Office, 1984. (CIS Microfiche 1984 H382-11)

US Congress. House. Select Committee on Intelligence. Subcommittee on Oversight. SOVIET BIOLOGICAL WARFARE ACTIVITIES. Report, 96th Cong., 2d sess. Washington: Government Printing Office, 1980. (CIS Microfiche 1980 H432-2)

US Congress. Senate. Committee on Banking, Housing and Urban Affairs. Subcommittee on International Finance and Monetary Policy. CHEMICAL AND BIOLOGICAL WEAPONS PROLIFERATION. Hearing, 101st Cong., 1st sess. Washington: Government Printing Office, 1989. (CIS Microfiche 1990 S241-17)

US Congress. Senate. Committee on Foreign Relations. CHEMICAL AND BIOLOGICAL WEAPONS THREAT: THE URGENT NEED FOR REMEDIES. Hearings, 101st Cong., 1st sess. Washington: Government Printing Office, 1989. (CIS Microfiche 1989 S381-21)

US Congress. Senate. Committee on Governmental Affairs. Permanent Subcommittee on Investigations. GLOBAL SPREAD OF CHEMICAL AND BIOLOGICAL WEAPONS. Hearings, 101st Cong., 1st sess. Washington: Government Printing Office, 1989. (CIS Microfiche 1990 S401-45)

US Defense Intelligence Agency. Directorate for Scientific and Technical Intelligence. SOVIET CHEMICAL WEAPONS THREAT. Washington: 1985. (UG447 S69 1985)

US Department of Defense. SOVIET BIOLOGICAL WARFARE THREAT. Washington: 1986. (UG447.8 U6)

US Department of Defense. SOVIET MILITARY POWER, 1990. 9th ed. Washington: September 1990. Pp. 89-90: "Chemical and Biological Warfare." (UA770 S62 1990)

Washington Institute for Near East Policy. CHEMICAL WEAPONS IN THE MIDDLE EAST, by W. Seth Carus. Policy Focus Research Memorandum No. 9. Washington: December 1988. (UG447 C378 1988)

White, Terence, and White, Kathleen. "Biological Weapons: How Big a Threat?" INTERNATIONAL DEFENSE REVIEW, Vol. 23, No. 8, 1990, pp. 843-846. (Periodical)

Wohl, Richard M. "The Forgotten Threat: Biowar." DEFENSE SCIENCE, Vol. 8, October 1989, pp. 75-77. (Periodical)

**DEFENSES AGAINST CHEMICAL AND BIOLOGICAL WARFARE AGENTS**  
Detection, Protective Equipment, Decontamination,  
Training, Medical Protection and Treatment

Alexandroff, Eugene E. "Saratoga: A New Dimension in CB Protective Clothing." NUCLEAR, BIOLOGICAL, AND CHEMICAL DEFENSE AND TECHNOLOGY INTERNATIONAL, Vol. 1, May 1986, pp. 44-46. (Periodical)

Anderson, Andy. "The Chemical Warfare Threat in Battle--The Effects of Degradation." NATO'S SIXTEEN NATIONS, Vol. 34, December 1989, pp. 57-60. (Periodical)

- Anderson, Casey. "Medicine Said Best Defense in Germ Warfare." AIR FORCE TIMES, 22 October 1990, p. 20. (Periodical)
- Appel, John G., and Shaw, Charles G. "Fighting and Winning When the Enemy Turns to NBC on Battlefield." ARMY, Vol. 38, August 1988, pp. 42-53. (Periodical)
- Biersner, Robert J., and Davis, Paul O. "Needed: Chemical Warfare Defense Doctrine." PROCEEDINGS: U.S. NAVAL INSTITUTE, Vol. 112, November 1986, pp. 116-120. (Periodical)
- Blewett, William K. "NBC Collective Protection." ARMY RESEARCH, DEVELOPMENT & ACQUISITION, Vol. 26, September-October 1985, pp. 23-24. (Periodical)
- Booth, Diane. "So That Troops Can Survive and Fight On." ARMY, Vol. 37, December 1987, pp. 40-51. (Periodical)
- Brunner, Bernhard. "Protecting against NBC Weapons: A Swiss View." NUCLEAR, BIOLOGICAL, AND CHEMICAL DEFENSE AND TECHNOLOGY INTERNATIONAL, Vol. 1, May 1986, pp. 32-35. (Periodical)
- Carreon, Rodolfo. "NBC Defense in Aviation Operations." UNITED STATES ARMY AVIATION DIGEST, October 1987, pp. 38-45. (Periodical)
- Carter, Barbara J., and Cammermeyer, Margarethe. "Human Responses to Simulated Chemical Warfare Training in U.S. Army Reserve Personnel." MILITARY MEDICINE, Vol. 154, June 1989, pp. 281-288. (Periodical)
- Chang, Albert M.H., and Ciegler, Alex. "Chemical Warfare: Part 1--Chemical Decontamination." NUCLEAR, BIOLOGICAL, AND CHEMICAL DEFENSE AND TECHNOLOGY INTERNATIONAL, Vol. 1, September 1986, pp. 59-65. (Periodical)
- "Collective Protection: Fielding the Modular Tent Concept." NUCLEAR, BIOLOGICAL, AND CHEMICAL DEFENSE AND TECHNOLOGY INTERNATIONAL, Vol. 1, June 1986, pp. 68-71. (Periodical)
- Cox, Frank. "The New Mask." SOLDIERS, Vol. 43, August 1988, pp. 9-10. (Periodical)
- Cox, Frank. "Training with the Real Thing." SOLDIERS, Vol. 43, August 1988, pp. 6-9. (Periodical)
- Daskal, Steven E. "Developments in U.S. Chemical Warfare Defense." NATIONAL DEFENSE, Vol. 70, September 1985, pp. 28-32. (Periodical)
- Daskal, Steven E. "NBC Requirements for Defense." JOURNAL OF DEFENSE & DIPLOMACY, Vol. 4, December 1986, pp. 41-46. (Periodical)
- Dodds, Henry. "New Soviet Respirator." JANE'S SOVIET INTELLIGENCE REVIEW, Vol. 2, October 1990, p. 468. (Periodical)

- Drs. Y.S. and R.S. "Deterring the Threat of Chemical Warfare." IDF JOURNAL, Vol. 4, Spring 1987, pp. 47-53. (Periodical)
- Ewin, J.V. Haase. "Lesson from the Scumme." ASIAN DEFENCE JOURNAL, No. 9, September 1987, pp. 92-97. (Periodical)
- Ewin, J.V. Haase. "NBC: Combat at the Cellular Level." ASIAN DEFENCE JOURNAL, No. 8, August 1986, pp. 105-106. (Periodical)
- Ewin, J.V. Haase. "Nerve Gas: A Question of Protection." ASIAN DEFENCE JOURNAL, No. 10, October 1987, pp. 106-111. (Periodical)
- Ewin, J.V. Haase. "New French NBC Protection." ASIAN DEFENCE JOURNAL, No. 12, December 1988, pp. 115-119. (Periodical)
- Ewin, J.V. Haase. "Planning Medical Defence against Chemical Weapons." ASIAN DEFENCE JOURNAL, No. 8, August 1987, pp. 88-91. (Periodical)
- Fullerton, Carol S., and Ursano, Robert J. "Behavioral and Psychological Responses to Chemical and Biological Warfare." MILITARY MEDICINE, Vol. 155, February 1990, pp. 54-59. (Periodical)
- Garrett, Benjamin C. "Detection." NUCLEAR, BIOLOGICAL, AND CHEMICAL DEFENSE AND TECHNOLOGY INTERNATIONAL, Vol. 2, No. 1, 1987, pp. 31-36. (Periodical)
- "The Germ Warfare Alert: Can Vaccinations Protect U.S. Troops?" NEWSWEEK, Vol. 117, 7 January 1991, p. 25. (Periodical)
- Griffiths, Derek. "The Mark IV: State-of-the-Art in British NBC Protection." NUCLEAR, BIOLOGICAL, AND CHEMICAL DEFENSE AND TECHNOLOGY INTERNATIONAL, Vol. 2, No. 1, 1987, pp. 37-40. (Periodical)
- Hess, Michael D., and Russell, H.A., III. "Chemical Warfare." INFANTRY, Vol. 78, July-August 1988, pp. 38-40. (Periodical)
- Jappie, Anne. "Dutch Claim Lead in CW Antidotes." JANE'S DEFENCE WEEKLY, Vol. 11, 10 June 1989, p. 1203. (Periodical)
- Jenne, Michael. "Proposal: A Chemical Deterrence Force." NATIONAL DEFENSE, Vol. 73, September 1988, pp. 27-30. (Periodical)
- Johnson, Gregory. "Flying the Poisoned Skies." PROCEEDINGS: U.S. NAVAL INSTITUTE, Vol. 113, June 1987, pp. 72-75. (Periodical)
- Johnson, Gregory. "Helicopters in a Chemical Environment." MARINE CORPS GAZETTE, Vol. 70, May 1986, pp. 52-53. (Periodical)

- Koslow, Evan E. "Decontamination." NUCLEAR, BIOLOGICAL, AND CHEMICAL DEFENSE AND TECHNOLOGY INTERNATIONAL, Vol. 2, No. 1, 1987, pp. 26-30. (Periodical)
- Koslow, Evan E. "Would You Go to War Wearing This Equipment?" ARMED FORCES JOURNAL INTERNATIONAL, Vol. 127, May 1990, pp. 55-58. (Periodical)
- Kroesen, Frederick J. "Chemical War: Deadly for Our Side." NATIONAL GUARD, Vol. 39, May 1985, pp. 22-26, 43. (Periodical)
- Merrifield, John T. "Air Force to Deploy New Equipment to Protect Crews in Chemical Warfare." AVIATION WEEK & SPACE TECHNOLOGY, Vol. 125, 20 October 1986, pp. 77-79. (Periodical)
- Montgomery, Raymond H., II, and Demora, Stephen J., Jr. "NBC Contamination Survivability of Army Materiel." ARMY RESEARCH, DEVELOPMENT & ACQUISITION, Vol. 27, November-December 1986, pp. 1-3. (Periodical)
- Morrison, David C. "The Chemical Threat." MILITARY LOGISTICS FORUM, Vol. 3, October 1986, pp. 38-41. (Periodical)
- "NBC Warfare." 4 articles. MARINE CORPS GAZETTE, Vol. 74, August 1990, pp. 16-22. (Periodical)
- Olson, John D. "Chemical Warfare: MOPP Is Not a Swab." MARINE CORPS GAZETTE, Vol. 69, October 1985, pp. 28-30. (Periodical)
- Pendleton, Blaine D. "Just Another FM?" UNITED STATES ARMY AVIATION DIGEST, Vol. 32, April 1986, pp. 22-24. (Periodical)
- Reed, John. "Shelters--The Neglected Imperative?" ARMADA INTERNATIONAL, Vol. 9, August 1983, pp. 64-69. (Periodical)
- Roos, John G. "First Peek Inside EPA's Chemical, Biological Counterterrorism Vehicle." ARMED FORCES JOURNAL INTERNATIONAL, Vol. 128, September 1990, p. 22. (Periodical)
- Rose, Richard G. "Integrated NBC Defense Training." ARMY TRAINER, Vol. 3, Fall 1983, pp. 14-16. (Periodical)
- Saunders, Barbara, and Price, Richard M. "Nerve Agent Poisoning: Antidotes and Prophylaxis." NUCLEAR, BIOLOGICAL, AND CHEMICAL DEFENSE AND TECHNOLOGY INTERNATIONAL, Vol. 1, May 1986, pp. 36-39. (Periodical)
- Shulgin, Alexander. "Advancing through a Contaminated Area." SOVIET MILITARY REVIEW, No. 8, August 1985, pp. 26-27. (Periodical)
- Shultz, George E. "NBC Protection--A Personal Matter." ALOG, Vol. 17, May-June 1985, pp. 22-24. (Periodical)
- Stelzmuller, F.H. "The NBC Threat--Effective Protection and Countermeasures." ARMADA INTERNATIONAL, Vol. 9, December 1985, pp. 206-216. (Periodical)

Stockholm International Peace Research Institute. THE DETOXIFICATION AND NATURAL DEGRADATION OF CHEMICAL WARFARE AGENTS, by Ralf Trapp. SIPRI Chemical & Biological Warfare Studies No. 3. Philadelphia: Taylor & Francis, 1985. (JX5133 C5D27 1985)

Thomas, F.R. "Employing Tanks with Collective NBC Protection." ARMOR, Vol. 98, July-August 1989, pp. 11-17. (Periodical)

Thompson, Graham N.; Kinnear, James; and Searle, Alaric. "Fighting in a Toxic Environment: Chemical Defence Capability in the Soviet Ground Forces." ARMED FORCES, Vol. 6, September 1987, pp. 400-404. (Periodical)

Uniformed Services University of the Health Sciences. F. Edward Hebert School of Medicine. Department of Psychiatry. INDIVIDUAL AND GROUP BEHAVIOR IN TOXIC AND CONTAINED ENVIRONMENTS: A CONFERENCE TO EXPLORE THE PSYCHOLOGICAL EFFECTS OF CHEMICAL AND BIOLOGICAL WARFARE, THE AIRLIE HOUSE, AIRLIE, VIRGINIA, DECEMBER 12, 13, AND 14, 1986. Bethesda: December 1987. (U22.3 I 52 1987)

Uniformed Services University of the Health Sciences. F. Edward Hebert School of Medicine. Department of Psychiatry. PERFORMANCE AND OPERATIONS IN TOXIC ENVIRONMENTS. 2d ed. Bethesda: June 1988. (U22.3 P37 1988)

Uniformed Services University of the Health Sciences. F. Edward Hebert School of Medicine. Department of Psychiatry. PSYCHOLOGICAL AND BEHAVIORAL RESPONSES TO A CHEMICAL AND BIOLOGICAL WARFARE ENVIRONMENT: FINAL RECOMMENDATIONS. Bethesda: September 1988. (U22.3 P79 1988)

Uniformed Services University of the Health Sciences. F. Edward Hebert School of Medicine. Department of Psychiatry. TRAINING FOR THE PSYCHOLOGICAL AND BEHAVIORAL EFFECTS OF THE CBW ENVIRONMENT: A CONFERENCE TO EXPLORE TRAINING FOR OPERATIONAL AND MEDICAL PERSONNEL FOR COPING, ADAPTATION AND PERFORMANCE IN THE HIGH STRESS ENVIRONMENT OF CHEMICAL AND BIOLOGICAL WARFARE, THE AIRLIE HOUSE, AIRLIE, VIRGINIA, NOVEMBER 6, 7, AND 8, 1987. Bethesda: June 1988. (U22.3 T72 1988)

US General Accounting Office. CHEMICAL WARFARE: PLANNING FOR PROTECTIVE CHEMICAL SHELTERS NEEDS TO BE IMPROVED: REPORT TO THE HONORABLE BILL CHAPPELL, CHAIRMAN, SUBCOMMITTEE ON DEFENSE, COMMITTEE ON APPROPRIATIONS, HOUSE OF REPRESENTATIVES. Washington: February 1987. (UG733 U553 1987)

Walters, Brian. "Scout Car for Detecting NBC Contamination." ASIAN DEFENCE JOURNAL, No. 10, October 1988, pp. 34-35. (Periodical)

Waskom, Wendell M. "Chemical Warfare Weapons." AMPHIBIOUS WARFARE REVIEW, Vol. 6, Summer 1988, pp. 76-82. (Periodical)

Weber, Steve. "Chemical Gear Called 'Excellent'." AIR FORCE TIMES, 27 August 1990, p. 16. (Periodical)

Wiener, Stanley L. "Strategies of Biowarfare Defense." MILITARY MEDICINE, Vol. 152, January 1987, pp. 25-28. (Periodical)

## CHEMICAL AND BIOLOGICAL WARFARE POLICIES AND POSTURES

### United States

Fahl, Robert G. NATIONAL POLICY, GOALS AND OBJECTIVES AFTER CHEMICAL DISARMAMENT. Study Project. Carlisle Barracks: US Army War College, 2 April 1990. (AD-A223-345)

Hoeber, Amoretta M. THE CHEMISTRY OF DEFEAT: ASYMMETRIES IN U.S. AND SOVIET CHEMICAL WARFARE POSTURES. Special Report. Cambridge: Institute for Foreign Policy Analysis, December 1981. (UG447 H6 1981)

Institute for European Defence and Strategic Studies. CHEMICAL WARFARE: THE GROWING THREAT TO EUROPE, by Manfred Hamm. Occasional Paper No. 8. London: 1984. Pp. 26-34: "The Unmaking of a Deterrent: American Policy in Perspective." (UG447 H34)

Isaacs, John. "20-Year Battle on Chemical Weapons Is Over." BULLETIN OF THE ATOMIC SCIENTISTS, Vol. 46, July-August 1990, pp. 3-4. (Periodical)

Miller, Dennis. "Chemical Warfare--U.S. Policy and Capabilities." NATO'S SIXTEEN NATIONS, Vol. 30, August 1985, pp. 66-68. (Periodical)

Stringer, Hugh. DETERRING CHEMICAL WARFARE: U.S. POLICY OPTIONS FOR THE 1990S. Foreign Policy Report. Washington: Pergamon-Brassey's, April 1986. (UG447 S765 1986)

US Army War College. Strategic Studies Institute. CHEMICAL WEAPONS: PROBLEMS AND POLICY FORMULATION, by Jack F. Calvert. Strategic Issues Research Memorandum. Carlisle Barracks: 20 December 1981. (U413 A66 SIRM C35)

Wright, Susan. "Chemical/Biological Weapons: The Buildup That Was." BULLETIN OF THE ATOMIC SCIENTISTS, Vol. 45, January-February 1989, pp. 52-56. (Periodical)

### Canada

Dabros, M. "Canada's Chemical Warfare Policy." CANADIAN DEFENCE QUARTERLY, Vol. 18, Winter 1988, pp. 25-30. (Periodical)

### North Atlantic Treaty Organization

Aspen Strategy Group, and the European Strategy Group. CHEMICAL WEAPONS AND WESTERN SECURITY POLICY. Lanham: University Press of America, 1987. (UA646.3 C49 1987)

Hamm, Manfred R. "Deterrence, Chemical Warfare, and Arms Control." ORBIS, Vol. 29, Spring 1985, pp. 119-163. (Periodical)

Hamm, Manfred R. "World Watch: Shoring Up NATO's CW Defense Posture." NUCLEAR, BIOLOGICAL, AND CHEMICAL DEFENSE AND TECHNOLOGY INTERNATIONAL, Vol. 1, May 1986, pp. 16-17. (Periodical)

Hutchinson, Robert. "NATO Ministers 'Can't Abdicate CW Decision' Says SACEUR." JANE'S DEFENCE WEEKLY, Vol. 3, 27 April 1985, pp. 719-725. (Periodical)

Robinson, Julian P. NATO CHEMICAL WEAPONS POLICY AND POSTURE. ADIU Occasional Paper No. 4. Sussex: University of Sussex, Science Policy Research Unit, Armament and Disarmament Information Unit, September 1986. (UG447 R556 1986)

**CHEMICAL AND BIOLOGICAL WEAPONS AND AGENTS**  
**Testing, Production, Storage, Disposal**

Beardsley, Timothy M. "Easier Said Than Done: Burning Chemical Weapons Is No Simple Process." SCIENTIFIC AMERICAN, Vol. 263, September 1990, pp. 48-50. (Periodical)

"Chemical Weapons: Over-age, and Over Here." ECONOMIST, Vol. 299, 3 May 1986, pp. 58-60. (Periodical)

Cole, Leonard A. "Cloud Cover: The Army's Secret Germ Warfare Test over San Francisco." COMMON CAUSE, Vol. 14, January-February 1988, pp. 16-19, 36-37. (Periodical)

Cole, Leonard A. "Operation Bacterium: Testing Germs on the A Train." WASHINGTON MONTHLY, Vol. 17, July-August 1985, pp. 38-45. (Periodical)

DeLaski, Kathleen. "Chemical Demilitarization: A Can of Worms and a Tale of Two Countries." ARMED FORCES JOURNAL INTERNATIONAL, Vol. 125, October 1987, pp. 81-88. (Periodical)

Frisina, Michael E. "The Offensive-Defensive Distinction in Military Biological Research." HASTINGS CENTER REPORT, Vol. 20, May-June 1990, pp. 19-22. (Periodical)

"Is the Pentagon Preparing for Biotech Warfare?" BUSINESS WEEK, No. 3011, 10 August 1987, pp. 66-67. (Periodical)

Kestin, Hesh. "They May Not Be Weapons at All." FORBES, Vol. 144, 18 September 1989, pp. 45-46. (Periodical)

Piller, Charles. "Dugway Proving Ground: Test Site for Germ Warfare?" NATION, Vol. 240, 9 March 1985, pp. 270-273. (Periodical)

Rouse, Lawrence E. "The Disposition of the Current Stockpile of Chemical Munitions and Agents." MILITARY LAW REVIEW, Vol. 121, Summer 1988, pp. 17-94. (Periodical)



"U.S. Chemical Weapons Production: Poisoning the Atmosphere."  
DEFENSE MONITOR, Vol. 18, No. 3, 1989, entire issue.  
(Periodical)

US Congress. House. Committee on Armed Services. BIOLOGICAL  
WARFARE TESTING. Hearing, 100th Cong., 2d sess. Washington:  
Government Printing Office, 1988. (CIS Microfiche 1988 H201-  
48)

US Congress. House. Committee on Armed Services. PRODUCTION  
OF LETHAL BINARY CHEMICAL MUNITIONS. Communication from the  
President, 97th Cong., 2d sess. Washington: Government Print-  
ing Office, 1982. (CIS Microfiche 1982 H200-1)

US Congress. House. Committee on Armed Services. Subcommittee  
on Investigations. ARMY DISPOSAL OF CHEMICAL WEAPONS.  
Hearing, 99th Cong., 2d sess. Washington: Government Printing  
Office, 1986. (CIS Microfiche 1987 H201-4)

US Congress. House. Committee on Armed Services. Subcommittee  
on Investigations. DEPARTMENT OF THE ARMY'S CHEMICAL DEMILITA-  
RIZATION RECORD OF DECISION. Hearing, 100th Cong., 2d sess.  
Washington: Government Printing Office, 1988. (CIS Microfiche  
1988 H201-25)

US Congress. House. Committee on Energy and Commerce. Sub-  
committee on Oversight and Investigations. BIOTECHNOLOGY  
DEVELOPMENT. Hearing, 99th Cong., 1st sess. Washington: Gov-  
ernment Printing Office, 1985. Pp. 96-103. (CIS Microfiche  
1986 H361-20)

US Congress. House. Committee on Foreign Affairs. Subcommit-  
tee on Arms Control, International Security, and Science.  
BINARY CHEMICAL WEAPONS: SELECTED DOCUMENTS. 99th Cong., 2d  
sess. Washington: Government Printing Office, 1986. (CIS  
Microfiche 1986 H382-17)

US Congress. Senate. Committee on Appropriations. BINARY  
CHEMICAL WEAPONS. Hearings, 97th Cong., 2d sess. Washington:  
Government Printing Office, 1982. (CIS Microfiche 1983 S181-  
29)

US General Accounting Office. THE ARMY'S PROGRAM TO ASSURE THE  
SECURITY AND SAFETY OF THE CHEMICAL MUNITIONS STOCKPILE IS COM-  
PREHENSIVE AND EFFECTIVE: REPORT TO THE CHAIRMAN, SUBCOMMITTEE  
ON INVESTIGATIONS, COMMITTEE ON ARMED SERVICES, HOUSE OF REPRE-  
SENTATIVES. Washington: July 1983. (UG447 U422)

US General Accounting Office. BIGEYE BOMB: EVALUATION OF  
OPERATIONAL TESTS: REPORT TO THE CHAIRMAN, HOUSE ARMED  
SERVICES COMMITTEE AND THE CHAIRMAN, SENATE ARMED SERVICES  
COMMITTEE. Washington: August 1989. (UG447.65 U71 1989)

US General Accounting Office. BIGEYE BOMB: 1988 STATUS REPORT:  
REPORT TO THE CHAIRMAN, COMMITTEE ON FOREIGN AFFAIRS, HOUSE OF  
REPRESENTATIVES. Washington: May 1988. (UG447.65 U7 1988)

US General Accounting Office. BIGEYE BOMB: UNRESOLVED DEVELOPMENTAL ISSUES: REPORT TO THE CHAIRMAN, COMMITTEE ON FOREIGN AFFAIRS, HOUSE OF REPRESENTATIVES. Washington: August 1989. (UG447.65 U73 1989)

US General Accounting Office. CHEMICAL WARFARE: DOD'S SUCCESSFUL EFFORT TO REMOVE U.S. CHEMICAL WEAPONS FROM GERMANY: REPORT TO CONGRESSIONAL REQUESTERS. Washington: February 1991. (UG447 U4213 1991)

US General Accounting Office. CHEMICAL WEAPONS: OBSTACLES TO THE ARMY'S PLAN TO DESTROY OBSOLETE U.S. STOCKPILE: REPORT TO CONGRESSIONAL REQUESTERS. Washington: May 1990. (UG447 U541 1990)

US General Accounting Office. CHEMICAL WEAPONS: STATUS OF THE ARMY'S M687 BINARY PROGRAM: REPORT TO CONGRESSIONAL REQUESTERS. Washington: September 1990. (UG447 U542 1990)

US General Accounting Office. DEPARTMENT OF THE ARMY'S CHEMICAL MUNITIONS DISPOSAL PROGRAM: STATEMENT OF THOMAS J. BREW, ASSOCIATE DIRECTOR, NATIONAL SECURITY AND INTERNATIONAL AFFAIRS DIVISION, BEFORE THE SUBCOMMITTEE ON MILITARY CONSTRUCTION, COMMITTEE ON APPROPRIATIONS, UNITED STATES SENATE. Washington: 1987. (UA23 A51 1987 B73)

US National Research Council. Committee on Demilitarizing Chemical Munitions and Agents. DISPOSAL OF CHEMICAL MUNITIONS AND AGENTS. Report. Norton D. Zinder, Chairman. Washington: National Academy Press, 1984. (UG447 N33 1984)

**LEGACY OF CHEMICAL AND BIOLOGICAL WARFARE**  
Some 20th Century Instances of  
Confirmed Use, Alleged Use, and Decisive Nonuse

Adelman, Kenneth. "Chemical Weapons: Restoring the Taboo." ORBIS, Vol. 30, Fall 1986, pp. 443-455. (Periodical)

BBC TV. A HIGHER FORM OF KILLING. Videorecording. Chicago: Films Inc., 1980. (VIDEO UG447 H44 1980)

Gutman, W.E. "Chemical and Biological Weapons: The Silent Killers." NUCLEAR, BIOLOGICAL, AND CHEMICAL DEFENSE AND TECHNOLOGY INTERNATIONAL, Vol. 1, April 1986, pp. 26-27. (Periodical)

Harris, Elisa D. "Sverdlovsk and Yellow Rain: Two Cases of Soviet Noncompliance?" INTERNATIONAL SECURITY, Vol. 11, Spring 1987, pp. 41-95. (Periodical)

Harris, Robert, and Paxman, Jeremy. A HIGHER FORM OF KILLING: THE SECRET STORY OF CHEMICAL AND BIOLOGICAL WARFARE. New York: Hill and Wang, 1982. (UG447 H37)

Institute for Defense Analyses. IMPLICATIONS OF PRESENT KNOWLEDGE AND PAST EXPERIENCE FOR A POSSIBLE FUTURE CHEMICAL/CONVENTIONAL CONFLICT, by Gay M. Hammerman. IDA Paper P-1819. Alexandria: January 1985. Appx. B: "Preliminary Observation on the Implications of Historical Experience for Future Chemical Warfare," by Victor Utgoff. (UA23 In8 P-1819)

Leonard, James E. CHEMICAL WARFARE--A URGENT NEED FOR A CREDIBLE DETERRENT. Student Essay. Carlisle Barracks: US Army War College, 19 April 1982. Chap. 2: "History of Chemical Warfare and Arms Control." (AD-A116-271)

Piller, Charles, and Yamamoto, Keith R. GENE WARS: MILITARY CONTROL OVER THE NEW GENETIC TECHNOLOGIES. New York: Beech Tree Books, 1988. Chap. 3: "Agent Orange to Yellow Rain: The Specter of Modern Chemical and Biological Warfare." (UG447.8 P54 1988)

Stockholm International Peace Research Institute. THE PROBLEM OF CHEMICAL AND BIOLOGICAL WARFARE: A STUDY OF THE HISTORICAL, TECHNICAL, MILITARY, LEGAL AND POLITICAL ASPECTS OF CBW, AND POSSIBLE DISARMAMENT MEASURES. 6 vols. New York: Humanities Press, 1971-1975. (UG447 S75 v.1 thru v.6)

Weekly, Terry M. "Proliferation of Chemical Warfare: Challenge to Traditional Restraints." PARAMETERS, Vol. 19, December 1989, pp. 51-66. (Periodical)

#### World War I, 1914-1918

Heller, Charles E. "The Perils of Unpreparedness: The American Expeditionary Forces and Chemical Warfare." MILITARY REVIEW, Vol. 65, January 1985, pp. 12-25. (Periodical)

US Army Command and General Staff College. Combat Studies Institute. CHEMICAL WARFARE IN WORLD WAR I: THE AMERICAN EXPERIENCE, 1917-1918, by Charles E. Heller. Leavenworth Papers No. 10. Fort Leavenworth: September 1984. (UG447 H39 1985)

#### Ethiopia, 1935-1936

Fair, Stanley D. "Mussolini's Chemical War." ARMY, Vol. 35, January 1985, pp. 44-53. (Periodical)

#### China, 1937-1945

Tanaka, Yuki. "Poison Gas: The Story Japan Would Like to Forget." BULLETIN OF THE ATOMIC SCIENTISTS, Vol. 44, October 1988, pp. 10-19. (Periodical)

#### World War II, 1939-1945

Bernstein, Barton J. "America's Biological Warfare Program in the Second World War." JOURNAL OF STRATEGIC STUDIES, Vol. 11, September 1988, pp. 292-317. (Periodical)

Bernstein, Barton J. "The Birth of the U.S. Biological-Warfare Program." SCIENTIFIC AMERICAN, Vol. 256, June 1987, pp. 116-121. (Periodical)

Bernstein, Barton J. "Churchill's Secret Biological Weapons." BULLETIN OF THE ATOMIC SCIENTISTS, Vol. 43, January-February 1987, pp. 46-50. (Periodical)

Bernstein, Barton J. "Why We Didn't Use Poison Gas in World War II." AMERICAN HERITAGE, Vol. 36, August-September 1985, pp. 40-45. (Periodical)

Jones, R.V., and Lewis, J.M. "Churchill's Anthrax Bombs: A Debate." BULLETIN OF THE ATOMIC SCIENTISTS, Vol. 43, November 1987, pp. 42-44. See also pp. 44-45: "Barton Bernstein Responds." (Periodical)

#### Southeast Asia, 1961-1972

Booth, William. "Agent Orange Study Hits Brick Wall." SCIENCE, Vol. 237, 11 September 1987, pp. 1285-1286. (Periodical)

Buckingham, William A., Jr. OPERATION RANCH HAND: THE AIR FORCE AND HERBICIDES IN SOUTHEAST ASIA, 1961-1971. Washington: US Air Force, Office of Air Force History, 1982. (DS559.8 C5382)

Cecil, Paul F. HERBICIDAL WARFARE: THE RANCH HAND PROJECT IN VIETNAM. New York: Praeger, 1986. (DS559.8 C5C43 1986)

Green Mountain Post Films and The Human Arts Association. THE SECRET AGENT, dir. by Jacki Ochs. Videorecording. Oak Forest, IL: MPI Home Video, 1986. (VIDEO RA1242 T44S32 1986)

Hoffman, Serge. "Reflections: It Was in Vietnam." WORLD MARXIST REVIEW, Vol. 30, August 1987, pp. 101-104. (Periodical)

Jacobs, James B., and McNamara, Dennis. "Vietnam Veterans and the Agent Orange Controversy." ARMED FORCES & SOCIETY, Vol. 13, Fall 1986, pp. 57-79. (Periodical)

Selected Cancers Cooperative Study Group. THE ASSOCIATION OF SELECTED CANCERS WITH SERVICE IN THE U.S. MILITARY IN VIETNAM. Final Report. Atlanta: US Department of Health and Human Services, Public Health Service, Centers for Disease Control, September 1990. (DS559.8 C5A66 1990)

Sherry, Clifford J. "Agent Orange: Why Is Dioxin Dangerous?" NATIONAL GUARD, Vol. 39, February 1985, pp. 16-18. (Periodical)

Sherry, Michael. "Agent Orange and Congress: A New 'Generation Gap'?" CONGRESSIONAL QUARTERLY WEEKLY REPORT, Vol. 47, 16 December 1989, pp. 3429-3433. (Periodical)

Unl, Michael, and Ensign, Tod. GI GUINEA PIGS: HOW THE PENTAGON EXPOSED OUR TROOPS TO DANGERS MORE DEADLY THAN WAR: AGENT ORANGE AND ATOMIC RADIATION. New York: Playboy Press, 1980. (UB369 U35)

US Congress. House. Committee on Veterans' Affairs. Subcommittee on Hospitals and Health Care. AGENT ORANGE STUDIES. Hearing, 99th Cong., 2d sess. Washington: Government Printing Office, 1986. (CIS Microfiche 1987 S761-3)

US Congress. Senate. Committee on Veterans Affairs. AGENT ORANGE LEGISLATION AND OVERSIGHT. Hearing, 100th Cong., 2d sess. Washington: Government Printing Office, 1988. (CIS Microfiche 1989 S761-8)

Westing, Arthur H., ed. HERBICIDES IN WAR: THE LONG-TERM ECOLOGICAL AND HUMAN CONSEQUENCES. Philadelphia: Taylor & Francis, 1984. (QH545 P4H47 1984)

Wilcox, Fred A. WAITING FOR AN ARMY TO DIE: THE TRAGEDY OF AGENT ORANGE. New York: Random House, 1983. (UB369 W54 1983)

#### "Yellow Rain", early 1980s

Anderson, William H. "Probability Analysis for the Case of Yellow Rain." INTERNATIONAL JOURNAL OF INTELLIGENCE AND COUNTERINTELLIGENCE, Vol. 3, Spring 1989, pp. 77-82. (Periodical)

Bass, Alison B. "One Scientist's Crusade: A Portrait of Matthew Meselson." TECHNOLOGY REVIEW, Vol. 89, April 1986, pp. 42-54. (Periodical)

BBC TV. BIOLOGY AT WAR: THE MYSTERY OF THE YELLOW RAIN, by Jeremy Taylor. Videorecording. Chicago: Films Inc., 1985. (VIDEO UG447.8 B57 1985)

Chanda, Nayan. "Cold Water on Yellow Rain." FAR EASTERN ECONOMIC REVIEW, Vol. 137, 17 September 1987, p. 28. (Periodical)

Pringle, Peter. "Yellow Rain: The Cost of Chemical Arms Control." SAIS REVIEW, Vol. 5, Winter-Spring 1985, pp. 151-162. (Periodical)

Robinson, Julian; Guillemin, Jeanne; and Meselson, Matthew. "Yellow Rain: The Story Collapses." FOREIGN POLICY, No. 68, Fall 1987, pp. 100-117. (Periodical)

Seagrave, Sterling. YELLOW RAIN: A JOURNEY THROUGH THE TERROR OF CHEMICAL WARFARE. New York: Evans, 1981. (UG447 S37)

US Congress. Senate. Committee on Foreign Relations. Subcommittee on Arms Control, Oceans, International Operations and Environment. "YELLOW RAIN". Hearing, 97th Cong., 1st sess. Washington: Government Printing Office, 1981. (CIS Microfiche 1982 S381-10)

US Congress. Senate. Committee on Foreign Relations. Subcommittee on Arms Control, Oceans, International Operations and Environment. YELLOW RAIN: THE ARMS CONTROL IMPLICATIONS. Hearing, 98th Cong., 1st sess. Washington: Government Printing Office, 1983. (CIS Microfiche 1983 S381-24)

Ziegler, David W. "Yellow Rain: An Analysis That Went Awry?" INTERNATIONAL JOURNAL OF INTELLIGENCE AND COUNTERINTELLIGENCE, Vol. 2, Spring 1988, pp. 91-113. (Periodical)

#### Iran-Iraq War, 1982-1988

Cordesman, Anthon, H. "Creating Weapons of Mass Destruction." ARMED FORCES JOURNAL INTERNATIONAL, Vol. 126, February 1989, pp. 54-57. (Periodical)

Dunn, Peter. "The Chemical War: Iran Revisited--1986." NUCLEAR, BIOLOGICAL, AND CHEMICAL DEFENSE AND TECHNOLOGY INTERNATIONAL, Vol. 1, June 1986, pp. 32-39. (Periodical)

Dunn, Peter. "The Chemical War: Journey to Iran." NUCLEAR, BIOLOGICAL, AND CHEMICAL DEFENSE AND TECHNOLOGY INTERNATIONAL, Vol. 1, April 1986, pp. 28-37. (Periodical)

Imobersteg, Ulrich. "Chemical Weapons in the Gulf War." SWISS REVIEW OF WORLD AFFAIRS, Vol. 37, August 1987, pp. 26-27. (Periodical)

McCain, John. THE IRAN-IRAQ WAR: GAS WARFARE AND THE PROSPECTS FOR THE USE OF NUCLEAR WEAPONS. N.p.: October 1988. Pp. 5-9: "Iraqi and Iranian Use of Gas Warfare." (UG447 M22 1988)

McNaugher, Thomas L. "Ballistic Missiles and Chemical Weapons: The Legacy of the Iran-Iraq War." INTERNATIONAL SECURITY, Vol. 15, Fall 1990, pp. 5-34. (Periodical)

Perera, Judith. "Iraq's Chemical Warfare." MIDDLE EAST, No. 127, May 1985, pp. 16-17. (Periodical)

Perera, Judith. "Victims of Mustard Gas." MIDDLE EAST, No. 138, April 1986, p. 8. (Periodical)

"Security Council Members Condemn Use of Chemical Weapons in Iran-Iraq Conflict." UN CHRONICLE, Vol. 24, August 1987, pp. 33-34. (Periodical)

Stanger, Theodore. "Massacre in Halabja: Iran Blames Iraq for a Poison-Gas Attack." NEWSWEEK, Vol. 111, 4 April 1988, p. 38. (Periodical)

Terrill, W. Andrew, Jr. "Chemical Weapons in the Gulf War." STRATEGIC REVIEW, Vol. 14, Spring 1986, pp. 51-58. (Periodical)

US Army War College. Strategic Studies Institute. LESSONS LEARNED: THE IRAN-IRAQ WAR, by Stephen C. Pelletiere and Douglas V. Johnson, II. Carlisle Barracks: 1991. Pp. 97-101: "Appendix B: Chemical Weapons." (U413 A66P24 1991)

Waters, Lee. "Chemical Weapons in the Iran/Iraq War." MILITARY REVIEW, Vol. 70, October 1990, pp. 56-63. (Periodical)

#### Angola, 1984-1988

Baumgartner, Jacques. "Gas Warfare in Angola?" SWISS REVIEW OF WORLD AFFAIRS, Vol. 39, November 1989, pp. 30-31. (Periodical)

Braude, Jonathan. "CW to Be 'Standard Military Practice'." JANE'S DEFENCE WEEKLY, Vol. 10, 27 August 1988, p. 357. (Periodical)

#### Iraqi Kurdistan, 1987-1988

"The Cries of the Kurds: Iraq Uses Chemical Arms against a Rebellion." TIME, Vol. 132, 19 September 1988, p. 33. (Periodical)

Hyman, Anthony. ELUSIVE KURDISTAN: THE STRUGGLE FOR RECOGNITION. Conflict Studies No. 214. London: Centre for Security and Conflict Studies, 1988. Pp. 14-15. (D1 C6 no.214)

"If You Can Think of Something Even Beastlier, Do It." ECONOMIST, Vol. 306, 26 March 1988, pp. 33-34. (Periodical)

Jaber, Nadim. "Kurdistan: Saddam's Final Solution?" MIDDLE EAST INTERNATIONAL, No. 333, 9 September 1988, pp. 3-4. (Periodical)

"Letting a Genie Out of a Bottle: Iraq Uses Poison Gas on the Kurds as a Hideous Old Weapon Causes a New Proliferation Problem." NEWSWEEK, Vol. 112, 19 September 1988, pp. 30-31. (Periodical)

"The Kurds: No Fun in War Any More." ECONOMIST, Vol. 308, 10 September 1988, p. 50. (Periodical)

O'Keefe, Isabel. "The Silent Killer." NEW STATESMAN & SOCIETY, Vol. 1, 28 October 1988, pp. 12-14. (Periodical)

"Saddam Settles an Old Score." MIDDLE EAST, No. 168, October 1988, p. 16. (Periodical)

Teimourian, Hazhir. "Silence Deep as Death." NEW STATESMAN & SOCIETY, Vol. 1, 16 September 1988, pp. 20-22. (Periodical)

US Army War College. Strategic Studies Institute. IRAQI POWER AND U.S. SECURITY IN THE MIDDLE EAST, by Stephen C. Pelletiere, Douglas V. Johnson, II, and Leif R. Rosenberger. Carlisle Barracks: 1990. Pp. 51-53. (U413 A66P34 1990)

US Congress. Senate. Committee on Foreign Relations. CHEMICAL WEAPONS USE IN KURDISTAN: IRAQ'S FINAL OFFENSIVE. Staff Report, 100th Cong., 2d sess. Washington: Government Printing Office, 1988. (CIS Microfiche 1988 S382-17)

#### OTHER RELATED BIBLIOGRAPHIES

Harnly, Caroline D. AGENT ORANGE AND THE VIETNAM VETERAN: AN ANNOTATED BIBLIOGRAPHY. Monticello, IL: Vance Bibliographies, February 1985. (Z6724 C5H35)

US Air University Library. NCB: NUCLEAR, CHEMICAL, BIOLOGICAL WARFARE, comp. by Joan Hyatt. Special Bibliography No. 291. Maxwell Air Force Base: February 1990. (UG635.3 U5 SB-291)

US Army Command and General Staff College. Combat Studies Institute. THE INTEGRATED BATTLEFIELD, 1945-1965, comp. by Charles E. Heller and Elizabeth R. Snoke. CSI Historical Bibliography No. 1. Fort Leavenworth: July 1980. (U415 A41 HB no.1)

US Army War College. COURSE 314J: IMPLICATIONS OF THE USE OF CHEMICAL AND NUCLEAR WEAPONS ON THE INTEGRATED BATTLEFIELD. Term II Advanced Course Syllabus. Carlisle Barracks: 19 February 1991. (U413 AY91 A382 Term II)

US Army War College Library. BIOLOGICAL WARFARE: A SELECTED BIBLIOGRAPHY, comp. by Virginia Shope. Carlisle Barracks: February 1987. (U413 Z92B5 1987)

US Army War College Library. CHEMICAL WARFARE: A SELECTED BIBLIOGRAPHY, comp. by Virginia Shope. Carlisle Barracks: July 1985. (U413 Z92C47 1985)

US Naval War College. CHEMICAL AND BIOLOGICAL WARFARE (CBW), comp. by Christine Danieli. Library Notes Vol. 19, No. 1. Newport: September 1990. (Index Table)